**Normalisation**

**First normal form**

Entity

Records (Date, Description).

Patient (NHSNumber, Forename, Surname, D.O.B, Street Number, Address 1, City, Postcode).

Symptoms (Date, SymptomName).

Doctor (ID, Username, Password).

Relationships

Makes (Doctor\_ID, Date).

Treats (Doctor\_ID, NHSNumber).

Has (NHSNumber, Date).

**Second normal form**

Entity

Records (NHSNumber, Date, Description).

Patient (NHSNumber, Forename, Surname, D.O.B, Street Number, Address 1, City, Postcode).

Symptoms (NHSNumber, Date, SymptomName).

Doctor (Username, Password).

**Third normal form**

Entity

Records (NHSNumber, Date, Description).

Patient (NHSNumber, Forename, Surname, D.O.B, Street Number, Address 1, City, Postcode).

Symptoms (NHSNumber, Date, SymptomName).

Doctor (Username, Password).

**Assumptions**

* The doctor has access to all patients’ details and records.
* The doctor’s details are only for the login.
* More than one symptom can be recorded on the same date.
* More than one record would not be saved on the same date.